

Application Data Sheet  
Application Information

Application type:: Regular  
Subject matter:: Utility  
CD-ROM or CD-R:: None  
Number of CD disks:: 0  
Number of copies of CDs:: 0  
Sequence submission?:: No  
Computer readable form (CRF)?:: No  
Number of copies of CRF:: 0  
Title:: Method and apparatus of  
constructing a hardware  
architecture for transform  
functions  
Attorney docket number:: CHEN3593/Em  
Request for early publication?:: No  
Request for non-publication?:: No  
Suggested drawing figure:: 2  
Total drawing sheets:: 12  
Small entity?:: No

Applicant Information

Applicant authority type:: Inventor  
Primary citizenship country:: Taiwan R. O. C.  
Status: Full capacity  
Given name:: Hsin-Hung  
Middle name::  
Family name:: CHEN  
Name suffix::  
City of Residence:: Fengshan City, Kaohsiung

State or province of residence::

Country of residence:: Taiwan R. O. C.

Street of mailing address:: No. 20, Lane 375, Gungyuan 1<sup>st</sup> St.

City of mailing address:: Fengshan City, Kaohsiung

State or province of mailing address::

Country of mailing address:: Taiwan R. O. C.

Postal or zip code of mailing address::

#### Applicant Information

Applicant authority type:: Inventor

Primary citizenship country:: Taiwan R. O. C.

Status: Full capacity

Given name:: Oscal T. C.

Middle name::

Family name:: CHEN

Name suffix::

City of Residence:: Yunghe City, Taipei

State or province of residence::

Country of residence:: Taiwan R. O. C.

Street of mailing address:: 4F., No. 330, Dehe Rd.

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State or province of mailing address::

Country of mailing address:: Taiwan R. O. C.

Postal or zip code of mailing address::

#### Applicant Information

Applicant authority type:: Inventor

Primary citizenship country:: Taiwan R. O. C.  
Status: Full capacity  
Given name:: Roger, Heng-Cheng  
Middle name::  
Family name:: YE H  
Name suffix::  
City of Residence:: Taipei  
State or province of residence::  
Country of residence:: Taiwan R. O. C.  
Street of mailing address:: 3F., No. 17, Lane 2, Yunung Rd.,  
Shrlin Chiu  
City of mailing address:: Taipei  
State or province of mailing  
address::  
Country of mailing address:: Taiwan R. O. C.  
Postal or zip code of mailing  
address::

#### Correspondence Information

Correspondence customer number:: 23364  
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#### Representative Information

Representative customer number:: 23364

#### Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
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Foreign Priority Information

Country::	Application number::	Filing Date::	Priority claimed::
Taiwan R. O. C.	92113483	May 19, 2003	Yes

Assignee Information

Assignee name::	Industrial Technology Research Institute
Street of mailing address::	No. 195, Sec. 4, Chung Hsing Rd.
City of mailing address::	Chutung, Hsinchu
State or province of mailing address::	
Country of mailing address::	Taiwan R. O. C.
Postal or zip code of mailing address::	